

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (Rev. 12-2004)		ATTORNEY'S DOCKET NUMBER PP019155.0004
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) Unassigned <b>101525535</b>
INTERNATIONAL APPLICATION NO. PCT/US2003/026612	INTERNATIONAL FILING DATE 25 August 2003	PRIORITY DATE CLAIMED 23 August 2002

TITLE OF INVENTION  
**COMPOSITIONS AND METHODS OF THERAPY FOR CANCERS CHARACTERIZED BY EXPRESSION OF THE TUMOR-ASSOCIATED ANITGEN MN/CA IX**

APPLICANT(S) FOR DO/EO/US  
**WONG, Justin WINTER, Jill LALEHZADEH, Guita and WARNE, Robert**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10.  An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11.  A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12.  A copy of the International Search Report (PCT/ISA/210).

**Items 13 to 23 below concern document(s) or information included:**

13.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15.  A **FIRST** preliminary amendment.
16.  A **SECOND** or **SUBSEQUENT** preliminary amendment.
17.  A substitute specification.
18.  A power of attorney and/or change of address letter.
19.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20.  A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21.  A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22.  Express Mail Label No. **EV351355947US**
23.  Other items or information:

postcard, cheque and copy of unsigned Declaration for Patent Application

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known) See 37 CFR 1.5) <b>107525535</b> Unassigned		INTERNATIONAL APPLICATION NO. <b>PCT/US2003/026612</b>		ATTORNEY'S DOCKET NUMBER <b>PP019155.0004</b>	
24. The following fees are submitted:				<b>Applicant use</b>	<b>Office use</b>
<input checked="" type="checkbox"/> a) Basic national fee ..... <b>\$300.00</b>				\$	\$300.00
<input checked="" type="checkbox"/> b) Examination fee ..... <b>\$200.00</b>				\$	\$200.00
<input checked="" type="checkbox"/> c) Search fee ..... <b>\$500.00</b>				\$	\$500.00
<b>TOTAL OF ABOVE CALCULATIONS =</b> <b>\$1000.00</b>				\$	\$1,000.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)		RATE	
67 - 100 =	-33 /50 =	0		x \$250.00	\$ \$0.00
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	40 - 20 =	20	x	\$50.00	\$ \$1,000.00
Independent claims	5 - 3 =	2	x	\$200.00	\$ \$400.00
MULTIPLE DEPENDENT CLAIMS (if applicable)			<input type="checkbox"/>	+	\$360.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	<b>\$2,400.00</b>
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					
<b>SUBTOTAL =</b> <b>\$2,400.00</b>					
Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					
<b>TOTAL NATIONAL FEE =</b> <b>\$2,400.00</b>					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +					
<b>TOTAL FEES ENCLOSED =</b> <b>\$2,400.00</b>					
Amount to be refunded:					
Amount to be charged:					
<p>a. <input checked="" type="checkbox"/> A check in the amount of <b>\$2,400.00</b> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>03-1664</b>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING: Information on this form may become public. Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p>					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
Lisa E. ALEXANDER					
CHIRON CORPORATION					
Intellectual Property R338					
P.O. Box 8097					
Emeryville, CA 94662-8097 US					
Customer No. <b>27476</b>					
 <b>Lisa E. Alexander</b> NAME <b>41,576</b> REGISTRATION NUMBER					

PATENT  
PP019155.0004

10/525535  
BT01 Rec'd PCT/PTO 23 FEB 2005

**PATENT COOPERATION TREATY  
IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

---

International Application No.	International Filing Date	Priority Date Claimed
PCT/US2003/026612	25 August 2003	23 August 2002

---

**Title of Invention**

**COMPOSITIONS AND METHODS OF THERAPY FOR CANCERS CHARACTERIZED BY  
EXPRESSION OF THE TUMOR-ASSOCIATED ANITGEN MN/CA IX**

---

**Applicants for DO/EO/US:**

**WONG, Justin, WINTER, JILL, LALEHZADEH, Guita and WARNE, Robert**

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Express Mail Mailing Label No.: EV351355947US

Date of Deposit: 23 February 2005

I hereby certify that the attached Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C.371 copy of unsigned Declaration for Patent Application, copy of Published Specification, Check No. 8744 in the amount \$2400.00 and Postal Receipt Card are being deposited with the United Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R.1.10 on the date indicated above and addressed to the Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: 23 February 2005

  
Melodi K. Dice

CHIRON CORPORATION  
4560 Horton Street  
Emeryville, California 94608  
United States of America